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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-32205.1
First Inventor	Theodore W. Houston
Title	Integrated DRAM Process/Structure Using Contact Pillars

Express Mail Label No. EV334469493US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

[ Total Pages

48

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets
- 19
1
5. Oath or Declaration [ Total Pages
- 1
i.
- a.  Newly Executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))
10.  37 CFR 3.73(b) Statement  
(when there is an assignee)  Power of Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. 10/180,140

Group / Art Unit: 2818

Prior application information:

Examiner Dao H. Nguyen

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

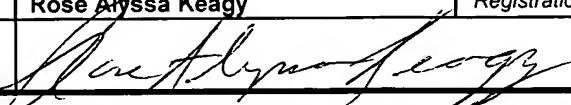
**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

NAME	Texas Instruments Incorporated		
ADDRESS			
CITY	STATE	TX	ZIP CODE
COUNTRY	TELEPHONE	(972) 917-4167	FAX (972) 917-4418

Name (Print/Type)	Rose Alyssa Keagy	Registration No. (Attorney/Agent)	R. g. No. 35,095
Signature			Date 9/19/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

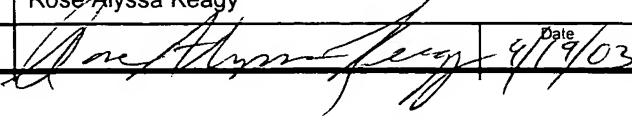
## for FY 2003

Express Mailing Label No.: EV334469493US

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

Complete If Known	
Application Number	TBD
Filing Date	Herewith
First Named Inventor	Theodore W. Houston
Examiner Name	Dao H. Nguyen
Group / Art Unit	2818
Attorney Docket No.	TI-32205.1

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge to the following Deposit Account. Deposit Account Number <span style="border: 1px solid black; padding: 2px;">20-0668</span>				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee</td><td><input type="text"/></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td><input type="text"/></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>1252</td><td>400</td><td>2252</td><td>200</td><td>Extension of time within second month</td><td><input type="text"/></td></tr> <tr><td>1253</td><td>920</td><td>2253</td><td>460</td><td>Extension of time within third month</td><td><input type="text"/></td></tr> <tr><td>1254</td><td>1,440</td><td>2254</td><td>720</td><td>Extension of time within fourth month</td><td><input type="text"/></td></tr> <tr><td>1255</td><td>1,960</td><td>2255</td><td>980</td><td>Extension of time within fifth month</td><td><input type="text"/></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Rose Alyssa Keagy	Reg. Number	35,095
Signature			
	Deposit Account User ID		